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Attorney Docket No. 5394.0011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Stewart COLE et al.

Application No.: 09/673,476  
International Appln. PCT/IB99/00740

Filed: October 16, 2000

International Filing  
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) Examiner: J. Souaya  
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TECH CENTER 1600/2900

For: A METHOD FOR ISOLATING A POLYNUCLEOTIDE OF INTEREST FROM  
THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED DNA  
LIBRARY, APPLICATION TO THE DETECTION OF MYCOBACTERIA

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:


**REQUEST FOR APPROVAL OF DRAWING CHANGES**

Subject to the approval of the Examiner, it is respectfully requested that Figs. 6 and 7 in the above-captioned application be amended to include the appropriate SEQ ID NOs. The changes are indicated in red on the attached copy of the originally filed drawings.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: April 4, 2002

By:   
Timothy B. Donaldson  
Reg. No. 43,592

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

H37R<sup>+</sup> . . . PTQTLTGRPLIGNGTGAYGSGATGAPGGWLLGDGGAGGSGAAGSGAPGGAGGAAGLWGT  
 . . .  
 BCG . . . PTQTLTGRPLIGNGTGAYGSGATGAPGGWLLGDGGAGGSGAAGSGAPGGAGGAAGLWGT

H37R · GGAGGAGGSSAGGGGAGGAGGAGGFLGDDGAGGIGGASTYLGCTGGGGGCGGLWGAGGA  
 ······  
 BCG · -----GGAGGIGGASTYLGCTGGGGGCGGLWGAGGA  
 ······

H37R<sup>\*</sup> ···· GGAGGTGCTGGDGGACGAGGTGGLLAGLIGAGGGHGGTGGGSTHGDGGYCGAGGNAGMLA  
 ····  
 ····  
 BCG ···· GGAGGTGCTGGDGGACGAGGTGGLLAGLIGAGGGHGGTGGGSTHGDGGYCGAGGNAGMLA

837813  
 37R · GPGGAGGAGDGENLD TCGDGGAGGSAGLLFGSGGAGGAGGFLGGDGGAGGNAGLLS  
 ······  
 8CG · GPGGAGGAGDGENLD TCGDGGAGGSAGLLFGSGGAGGAGGFLGGDGGAGGNAGLLS  
 ······

837897

H37R	SGGAGGFGGFGTAGGYGAGGNAGWLGF	-----	837897
BCG	SGGAGGFGGFGTAGGYGAGGNAGWLGF	-----	837897

H37R7 -----GGAGGYGGSAGLIGTCGNGCGGTGAWAGSPGTGGAGGLLLGQHGLNGLP 838047  
 8C8G GYEGGAALSYGDTGGAGGYGGSAGLIGTCGNGCGGTGAWAGSPGTGGAGGLLLGQHGLNGLP

FIGURE 6

9/9

pBeloBAC11

**GGGGGGGG**AA GGGGTTTCGCG TCAGCGGGTG TTGGCGGGTG TCGGGGCTGG  
*NotI* restriction site

CTTAACTATG CGGCATCAGA GCAGATTGTA CTGAGAGTGC ACCATATGCG

GTGTGAAATA CCGCACAGAT GCGTAAGGAG AAAATACCGC ATCAGGCGCC

ATTCGCCATT CAGGCTGCGC AACTGTTGGG AAGGGCGATC GGTGCGGGCC

TCTTCGCTAT TACGCCAGCT GCGGAAAGGG **GGATGTGGTGCAAGGCGATT**  
 primer T7-BAC1

AAGTTGGGTA ACGCCAGGGT TTTCCAGTC ACGACGTTGT AAAACGACGG

CCAGTGAAT **TGTAAATAGGAC TCAGTATAGG GCGAATTCGA** GCTCGGTACC  
 T7-promoter sequence

CGGGGAT **TCCTCTAGAGTCGA CCTGCAGGCA** TGC **AGGCTG** **AGTATCTAT**  
 primer T7-Belo2 *HindIII* cloning site SP6-promoter

**AGTGTCACCTAAATAGCTTG GCGTAATCATGGTCATAGCTCTT** CCTGTG  
 sequence (complementary strand) primer SP6-Mid (complementary strand)

TGAAATTGTT ATCCGCTCAC AATTCCACAC AACATACGAG CCGGAAGCAT

AAAGTGTAAG GCCTGGGGTG **GCTAATGAGTGAGCTAAGC** ACATTAATTG  
 primer SP6-BAC1 (complementary strand)

CGTTGCGCTC ACTGCCCGCT TTCCAGTCGG GAAACCTGTC GTGCCAGCTG

CATTAATGAA TCGGCCAACG CGAACCCTT **GGGGGGGG** CC GGGCCGTCGA  
*NotI* restriction site (SEQ ID NO. 729)

FIGURE 7